



"PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Stuart L. Soled, et al.

) Before the Examiner
) Patricia L. Hailey
)

U. S. Serial No. 09/869,984
Filed: January 14, 2000 (~~869-2001~~)

) Confirmation No.: 4480
) Group Art Unit: 1755
)

HYDROPROCESSING USING BULK GROUP
VIII/GROUP VIB CATALYSTS

) Family Number: P1997J057K
)

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Enclosed herewith is Form 1449. This accompanies a Request for Continued Examination filed herewith. The Commissioner is hereby authorized to charge any additional fees to Deposit Account Number 05-1330.

Respectfully submitted,

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Attorney for Applicant(s)
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AMM:dws June 4, 2007

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Diane Stracka
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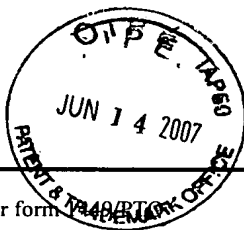
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Date of Signature



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PATENT TRADEMARK OFFICE



Substitute for form PTO/SB/08A		Complete if Known			
		Application Number	09/869,984		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	January 14, 2000 (8-22-2001)		
		First Named Inventor	Stuart L. Soled, et al.		
		Art Unit	1755		
		Examiner Name	Patricia L. Hailey		
		Attorney Docket Number	GJH-0005		
Sheet	1	of	2	Family Number	P1997J057K

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, lines, where relevant passages or relevant figures appear
		Number-Kind Code2 (if known)				
		US-	2,690,433	07/22/1952	W. F. Engel, et al.	
		US-	2,873,257	02/10/1959	E. A. Hunter, et al.	
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		US-	3,198,753	08/03/1965	F. Traina	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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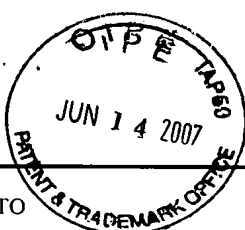
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known			
				Application Number		09/869,984	
				Filing Date		January 14, 2000 (8-22-2001)	
				First Named Inventor		Stuart L. Soled, et al.	
				Art Unit		1755	
				Examiner Name		Patricia L. Hailey	
Attorney Docket Number				GJH-0005			
Sheet	2	of	2	Family Number		P1997J057K	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, columns, lines, where relevant passages or relevant figures appear	T ⁶	
		EP 0183353 B1	27.09.85	Chianelli, R. R., et al.			
		EP 0244106 B1	09.04.87	Ward, J. W.			
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		CN 1218088	02 June 1999	He, et al.	Abstract		
		CZ 158758A	15 July 1975	R. Zidek, et al.	Abstract		
		PCT WO 00/41810	20 July 2000	Eijsbouts, S., et al.			
		PCT WO 00/41811	20 July 2000	Eijsbouts, S., et al.			
		PCT WO 00/42119	20 July 2000	Demmin, R. A., et al.			
		PCT WO 00/42125	20 July 2000	Riley, K. L., et al.			
		PCT WO 00/42131	20 July 2000	Hantzer, S. S., et al.			
		PCT WO 99/41327	19 August 1999	Cody, I. A., et al.			

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Attorney Docket Number	GJH-0005				
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Levin, Doron, et al., "Crystal Structure of an Ammonium Nickel Molybdate Prepared by Chemical Precipitation," <i>Inorganic Chemistry</i> , 1996, 35, pp. 4191-4197 (Sept. 1995).	
	CB	Mazzocchia, C., et al., "On the NiO MoO ₃ mixed oxide correlation between preparative procedures thermal activation and catalytic properties," <i>Solid State Ionics</i> , 63-65 (1993) pp. 731-735.	
	CC	Astier, M.P., et al., "Nickel-molybdenum catalysts prepared by reduction of ammonium triammine tetranickel pentamolybdate," <i>Applied Catalysis</i> , 72 (1991) pp. 321-329.	
	CD	Olah, George A., <i>Hydrocarbon Chemistry</i> , 1995, p. 30	
	CE	Astier, M.P., et al., "Ammonium Triammine Tetranickel Pentamolybdate Preparation, Characterization and Crystal Structure," <i>Ann. Chem. Fr.</i> , 12, pp. 337-343 (1987).	
	CF	Astier, M.P., et al., "Solid State Chemistry," <i>C.R. Acad. Sc. Paris</i> , 304, (II), No. 11, pp. 563-566 (1987).	
	CG	Mazzocchia, C., et al., "On the NiMoO ₄ oxidative dehydrogenation of propane to propene: some physical correlations with the catalytic activity," <i>Catalysis Letters</i> 10 (1991) pp. 181-192.	
	CH	Levin, Doron, et al., "Chemie Douce Synthesis of a Layered Ammonium Zinc Molybdate," <i>Chem. Mater.</i> 1996, 8, pp. 836-843.	
	CI	M. Daage, et al., "Structure-Function Relations in Molybdenum Sulfide Catalysts: The "Rim-Edge" Model", <i>Journal of Catalysis</i> , 149, 414-427 (1994).	
	CJ		
	CK		
	CL		
	CM		
	CN		

Examiner Signature		Date Considered	
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